

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 06 DEC 2004

International Application No

PCT/FR /000380

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B60J7/20 B60J7/14

10/517127

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B60J B62D B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	FR 2 842 467 A (FRANCE DESIGN) 23 January 2004 (2004-01-23) cited in the application the whole document	1,2,10, 13
A	US 2002/135201 A1 (ROTHER KARL ET AL) 26 September 2002 (2002-09-26) page 1, paragraph 17; figures 1-5	1-3
A	US 2001/004156 A1 (NINNESS RAYMOND W ET AL) 21 June 2001 (2001-06-21) the whole document	1-3
A	US 6 364 396 B1 (HAYASHI KENICHIRO ET AL) 2 April 2002 (2002-04-02) claims 1,5,10-19; figures 1-10	1
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

03/09/2004

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 352 298 B1 (HAYASHI KENICHIRO ET AL) 5 March 2002 (2002-03-05) column 1, line 24 - line 61; figure 5 -----</p>	1

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International Application No
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
FR 2842467	A	23-01-2004	FR	2842467 A1	23-01-2004
			WO	2004009388 A1	29-01-2004
US 2002135201	A1	26-09-2002	DE	10039683 A1	07-03-2002
US 2001004156	A1	21-06-2001	US	6217104 B1	17-04-2001
			DE	10028405 A1	25-01-2001
			US	2003193211 A1	16-10-2003
			US	2001005086 A1	28-06-2001
			US	2001005089 A1	28-06-2001
			US	2002014782 A1	07-02-2002
			US	2002036413 A1	28-03-2002
US 6364396	B1	02-04-2002	JP	2001113952 A	24-04-2001
			DE	10051615 A1	03-05-2001
US 6352298	B1	05-03-2002	JP	3523816 B2	26-04-2004
			JP	2001113953 A	24-04-2001
			DE	10051616 A1	03-05-2001